

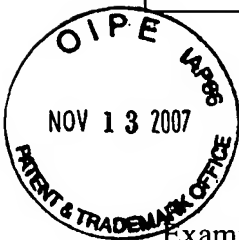
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 11/8/07

Signature: [Signature]

(Olufunke M. Tandoh)

Docket No.: JHUC-008-101



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Charlesworth E. Rae  
Group Art Unit : 1614  
Applicants : Michela Gallagher et al.  
Application No. : 10/722,357  
Confirmation No. : 4705  
Filed : November 24, 2003  
For : TARGET FOR THERAPY OF COGNITIVE IMPAIRMENT

Boston, Massachusetts  
November 8, 2007

**MS Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make of record the following documents:\*

11/13/2007 ATRINH 00000049 101945 10722357  
01 FC:1006 100.00 DA

\* For the Examiner's convenience, applicants have also enclosed a completed Form PTO/SB/08A, listing these documents.

**Other Documents**

Gallagher, M., "Animal Models of Memory Impairment," *Philosophical Transactions of the Royal Society B: Biological Sciences*, 352(1362):1711-1717 (1997).

Koh M.T., et al., "Sodium Valporate Treatment Restores Cognitive Functioning In Aged Rats And Upregulates Endoplasmic Recticulum Chaperone, BiP, In The Hippocampus," *Poster Presented on November 3 at Society for Neuroscience Meeting in San Diego, CA* (2007).

Wu, Y. and Wang L., "The Effects of Antiepileptic Drugs on Spatial Learning and Hippocampal Protein Kinase C  $\gamma$  in Immature Rats," *Brain & Development*, 24:82-87 (2002).

**REMARKS**

Applicants respectfully request that the above documents be (1) fully considered by the Examiner during the course of the examination of this application and (2) printed on any patent issuing from this application. Applicants also request that a copy of the enclosed Form PTO/SB/08A duly initialed by the Examiner be forwarded to the undersigned with the next communication.

This Information Disclosure Statement is filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR § 1.97(c)).

Applicant submits herewith copies of the cited non-patent documents in accordance with 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists. In accordance with 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

Please charge our Deposit Account No. 18-1945 in the amount of \$180.00 covering the fee set forth in 37 CFR § 1.17(p). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. JHUC-008-101. A duplicate copy of this paper is enclosed.

Dated: November 8, 2007

Respectfully submitted,

By 

Tianxin (Cynthia) Chen, Ph.D., J.D.

Registration No.: 61,193

ROPES & GRAY LLP

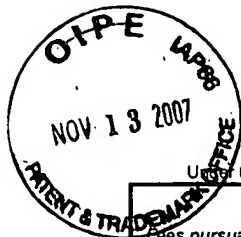
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Attorneys/Agents For Applicant



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PTO/SB/17 (10-07)

Approved for use through 06/30/2010. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FEE TRANSMITTAL</b> <b>For FY 2008</b>  <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>Complete if Known</b>		
		Application Number	10/722,357	
		Filing Date	November 24, 2003	
		First Named Inventor	Michela Gallagher	
		Examiner Name	Charlesworth E. Rae	
TOTAL AMOUNT OF PAYMENT (\$)		180.00	Art Unit	1614
			Attorney Docket No.	JHUC-008-101

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 18-1945 Deposit Account Name: Ropes & Gray LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

Total Claims      Extra Claims      Fee (\$)      Fee Paid (\$)      Multiple Dependent Claims

\_\_\_\_\_ - = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_      Fee (\$)      Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims      Extra Claims      Fee (\$)      Fee Paid (\$)

\_\_\_\_\_ - = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof      Fee (\$)      Fee Paid (\$)

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement      180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	61,193	Telephone	(617) 951-7377
Name (Print/Type)	Tianxin (Cynthia) Chen	Date	November 8, 2007		

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 11/8/07      Signature: (Olufunke M. Tandoh)



Application No. (if known): 10/722,357

Attorney Docket No.: JHUC-008-101

## Certificate of Mailing under 37 CFR 1.8

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on November 8, 2007  
Date

Signature

Olufunke M. Tandoh

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 951-7000

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

IDS (Citation) by Applicant (3 References) (1 page)